

ABSTRACT OF THE DISCLOSURE

The server connected to a client via a network has a relay library which includes an instruction relay thread which appends a thread identifier to an instruction, which is generated during processing of an application, and relays the instruction in collaboration with a higher-level library, and an instruction distribution thread for searching for a thread that processes another instruction from the client. The client has an instruction execution module including an instruction distribution thread for receiving the instruction with the thread identifier, creating a thread that processes the instruction, and passing the instruction to that thread with the thread identifier, and an instruction processing thread for processing the received instruction in collaboration with a higher-level library, and for, when another instruction is generated during the instruction process or the instruction process is complete, sending the other instruction appended with the thread identifier to the instruction distribution thread.